KOLAR Document ID: 1655948

For KCC Use:
Effective Date:
District #
SGA? Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CB-1 Oct 2016 Form must be Typed Form must be Signed All blanks must be Filled

CATHODIC PROTECTION BOREHOLE INTENT

Must be approved by the KCC sixty (60) days prior to commencing well.

Expected Spud Date:	Spot Description:
month day year	Sec Twp S. R TE W
OPERATOR: License#	(Q/Q/Q/Q) feet from N / S Line of Section
Name:	feet from F / W Line of Section
Address 1:	Is SECTION: Regular Irregular?
Address 2:	(Check directions from nearest outside corner boundries)
City: State: Zip: +	
Contact Person: State Zip +	County.
Phone:	Facility Name:
r none	Borehole Number:
CONTRACTOR: License#	Ground Surface Elevation: MSI
Name:	Cathodic Borehole Total Depth:
Type Drilling Equipment:	Depth to Bedrock: fee Water Information
Construction Features	Aquifer Penetration: None Single Multiple
Length of Cathodic Surface (Non-Metallic) Casing	Depth to bottom of fresh water:
Planned to be set: feet	Depth to bottom of usable water:
Length of Conductor pipe (if any):	Water well within one-quarter mile: Yes No
Surface casing borehole size: inches	Public water supply well within one mile: Yes No
Cathodic surface casing size: inches	Water Source for Drilling Operations:
Cathodic surface casing centralizers set at depths of:;;	☐ Well ☐ Farm Pond ☐ Stream ☐ Other
;;;;;;	Water Well Location:
Cathodic surface casing will terminate at:	DWR Permit #
Above surface Surface Vault Below Surface Vault	Standard Dimension Ratio (SDR) is =
Pitless casing adaptor will be used: Yes No Depth feet	(Cathodic surface csg. O.D. in inches / MWT in inches = SDR)
	Annular space between borehole and casing will be grouted with:
Anode installation depths are:;; ;; ;;	Concrete Neat Cement Bentonite Cement Bentonite Clay
;;;;;;	Anode vent pipe will be set at: feet above surface
	Anode conductor (backfill) material TYPE:
	Depth of BASE of Backfill installation material:
A FEID AVIT	Depth of TOP of Backfill installation material:
AFFIDAVIT	Borehole will be Pre-Plugged? Ves No
The undersigned hereby affirms that the drilling, completion and eventual pluggin	
if this well will comply with K.S.A. 55-101 et. seq.	
i is agreed that the following minimum requirements will be met:	
Notify the appropriate District office prior to spudding and again before plugging the	
 Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office prior 	
 Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office prior. Notify appropriate District Office 48 hours prior to workover or re-entry. 	
Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office prior. Notify appropriate District Office 48 hours prior to workover or re-entry. A copy of the approved notice of intent to drill shall be posted on each drilling rig.	or to any grouting.
 Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office prior. Notify appropriate District Office 48 hours prior to workover or re-entry. A copy of the approved notice of intent to drill shall be posted on each drilling rig. 	or to any grouting.
 Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office prior. Notify appropriate District Office 48 hours prior to workover or re-entry. A copy of the approved notice of intent to drill shall be posted on each drilling rig. The minimum amount of cathodic surface casing as specified below shall be set by File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill 	grouting to the top when the cathodic surface casing is set. (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification
 Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office prior. Notify appropriate District Office 48 hours prior to workover or re-entry. A copy of the approved notice of intent to drill shall be posted on each drilling rig. The minimum amount of cathodic surface casing as specified below shall be set by File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill Act (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Comp. 	or to any grouting. grouting to the top when the cathodic surface casing is set. (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification
 Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office prior. Notify appropriate District Office 48 hours prior to workover or re-entry. A copy of the approved notice of intent to drill shall be posted on each drilling rig. The minimum amount of cathodic surface casing as specified below shall be set by File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill 	or to any grouting. grouting to the top when the cathodic surface casing is set. (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification
 Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office prior. Notify appropriate District Office 48 hours prior to workover or re-entry. A copy of the approved notice of intent to drill shall be posted on each drilling rig. The minimum amount of cathodic surface casing as specified below shall be set by File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill Act (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Comp. 	or to any grouting. grouting to the top when the cathodic surface casing is set. (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification
 Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office prior. Notify appropriate District Office 48 hours prior to workover or re-entry. A copy of the approved notice of intent to drill shall be posted on each drilling rig. The minimum amount of cathodic surface casing as specified below shall be set by File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill Act (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Comp. d. Submit plugging report (CP-4) within 60 days after final plugging is completed. 	or to any grouting. grouting to the top when the cathodic surface casing is set. (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification
 Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office prior. Notify appropriate District Office 48 hours prior to workover or re-entry. A copy of the approved notice of intent to drill shall be posted on each drilling rig. The minimum amount of cathodic surface casing as specified below shall be set by File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill Act (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Comp. d. Submit plugging report (CP-4) within 60 days after final plugging is completed. 	grouting to the top when the cathodic surface casing is set. (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification
 Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office prior. Notify appropriate District Office 48 hours prior to workover or re-entry. A copy of the approved notice of intent to drill shall be posted on each drilling rig. The minimum amount of cathodic surface casing as specified below shall be set by File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill Act (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Comp. d. Submit plugging report (CP-4) within 60 days after final plugging is completed. 	or to any grouting. grouting to the top when the cathodic surface casing is set. (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification
 Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office prior. Notify appropriate District Office 48 hours prior to workover or re-entry. A copy of the approved notice of intent to drill shall be posted on each drilling rig. The minimum amount of cathodic surface casing as specified below shall be set by File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill Act (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Comp. d. Submit plugging report (CP-4) within 60 days after final plugging is completed. 	or to any grouting. grouting to the top when the cathodic surface casing is set. (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification
Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office priors. Notify appropriate District Office 48 hours prior to workover or re-entry. A copy of the approved notice of intent to drill shall be posted on each drilling rig. The minimum amount of cathodic surface casing as specified below shall be set by File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill Act (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Comp. d. Submit plugging report (CP-4) within 60 days after final plugging is completed. Submitted Electronically	grouting to the top when the cathodic surface casing is set. (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification
Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office priors. Notify appropriate District Office 48 hours prior to workover or re-entry. A copy of the approved notice of intent to drill shall be posted on each drilling rig. The minimum amount of cathodic surface casing as specified below shall be set by File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill Act (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Comp. d. Submit plugging report (CP-4) within 60 days after final plugging is completed. Submitted Electronically For KCC Use ONLY API # 15 -	grouting to the top when the cathodic surface casing is set. (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification letion Form (ACO-1) within 60 days from spud date.
Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office prior. Notify appropriate District Office 48 hours prior to workover or re-entry. A copy of the approved notice of intent to drill shall be posted on each drilling rig. The minimum amount of cathodic surface casing as specified below shall be set by File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill Act (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Comp. d. Submit plugging report (CP-4) within 60 days after final plugging is completed. Submitted Electronically For KCC Use ONLY API # 15 - Conductor pipe required	grouting to the top when the cathodic surface casing is set. (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification letion Form (ACO-1) within 60 days from spud date. If this permit has expired or will not be drilled, check a box below, sign, date and return to the address below.
Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office prior. Notify appropriate District Office 48 hours prior to workover or re-entry. A copy of the approved notice of intent to drill shall be posted on each drilling rig. The minimum amount of cathodic surface casing as specified below shall be set by File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill Act (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Comp. d. Submit plugging report (CP-4) within 60 days after final plugging is completed. Submitted Electronically For KCC Use ONLY API # 15	or to any grouting. grouting to the top when the cathodic surface casing is set. (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification letion Form (ACO-1) within 60 days from spud date.
Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office prior. Notify appropriate District Office 48 hours prior to workover or re-entry. A copy of the approved notice of intent to drill shall be posted on each drilling rig. The minimum amount of cathodic surface casing as specified below shall be set by File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill Act (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Comp. d. Submit plugging report (CP-4) within 60 days after final plugging is completed. Submitted Electronically For KCC Use ONLY API # 15 - Conductor pipe required	grouting to the top when the cathodic surface casing is set. (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification letion Form (ACO-1) within 60 days from spud date. If this permit has expired or will not be drilled, check a box below, sign, date and return to the address below.
I. Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office prior. Notify appropriate District Office 48 hours prior to workover or re-entry. 3. A copy of the approved notice of intent to drill shall be posted on each drilling rig. 4. The minimum amount of cathodic surface casing as specified below shall be set by 5. File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill Act (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Comp. d. Submit plugging report (CP-4) within 60 days after final plugging is completed. Submitted Electronically For KCC Use ONLY API # 15 - Conductor pipe required	grouting to the top when the cathodic surface casing is set. (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification letion Form (ACO-1) within 60 days from spud date.
Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office prior. Notify appropriate District Office 48 hours prior to workover or re-entry. A copy of the approved notice of intent to drill shall be posted on each drilling rig. The minimum amount of cathodic surface casing as specified below shall be set by File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill Act (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Comp. d. Submit plugging report (CP-4) within 60 days after final plugging is completed. Submitted Electronically For KCC Use ONLY API # 15 - Conductor pipe required feet Minimum Cathodic Surface Casing Required: feet Approved by: feet	grouting to the top when the cathodic surface casing is set. (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification letion Form (ACO-1) within 60 days from spud date. If this permit has expired or will not be drilled, check a box below, sign, date and return to the address below. Permit Expired Well Not Drilled
2. Notify appropriate District Office 48 hours prior to workover or re-entry. 3. A copy of the approved notice of intent to drill shall be posted on each drilling rig. 4. The minimum amount of cathodic surface casing as specified below shall be set by 5. File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill Act (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Comp. d. Submit plugging report (CP-4) within 60 days after final plugging is completed. Submitted Electronically For KCC Use ONLY API # 15 - Conductor pipe required feet Minimum Cathodic Surface Casing Required: feet Approved by: This authorization expires: This authorization expires: for the control of the proved of th	grouting to the top when the cathodic surface casing is set. (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification letion Form (ACO-1) within 60 days from spud date.

For KCC Use ONLY
API # 15

IN ALL CASES, PLEASE FULLY COMPLETE THIS SIDE OF THE FORM.

In all cases, please fully complete this side of the form. Include items 1 through 3 at the bottom of this page.

Operator	·:						_ Lo	cation of W	/ell: County:					
	lame:									feet fr	om	N /	S Line	of Section
Borehole	Number:									feet fr	om	E /	W Line	of Section
							Se	·C. ———	Twp	S. I	R		E] W
							ls :	Section:	Regular	or In	egular			
								Section is ection corne	Irregular, lo		rom neai WS		ner boun	dary.
		ids, tank l			nd electrica	al lines, as	required b		nit boundary sas Surface (sired.					
		:	:	:		:	:	:						
		:		:		:					LEGE	ND		
7 0 ft.	-0	:	· · · · · · · · · · · · · · · · · · ·	······································		:		 !			Well Lo Tank Ba Pipeline	attery L		
		:	:	:							Electric Lease F	Line L	ocation	
		:	:	······································		:	···········	:	F	XAMPLE	:		:]
		: : :	: :	<u>:</u> ::	3	: : :	: : :	: : :		:			:	
		: : :	: :	:	•••••	: : :	:	:					:	
		: :	: :	: :		: :	: :	: :			9		:	1980' FSL
			:									•••••	······································	

NOTE: In all cases locate the spot of the proposed drilling locaton.

In plotting the proposed location of the well, you must show:

1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.;

SEWARD CO. 3390' FEL

- 2. The distance of the proposed drilling location from the section's south / north and east / west; line.
- 3. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

KOLAR Document ID: 1655948

Kansas Corporation Commission Oil & Gas Conservation Division

Form CDP-1 July 2014 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name:		License Number:					
Operator Address:							
Contact Person:			Phone Number:				
Lease Name & Well No.:			Pit Location (QQQQ):				
Type of Pit: Emergency Pit Burn Pit Settling Pit Drilling Pit Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit is: Proposed If Existing, date cor Pit capacity:	Existing nstructed: (bbls)	SecTwpR East WestFeet from Rast / West Line of SectionFeet from East / West Line of SectionCounty				
Is the pit located in a Sensitive Ground Water A	rea? Yes	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)					
Is the bottom below ground level? Yes No	Artificial Liner?	lo	How is the pit lined if a plastic liner is not used?				
Pit dimensions (all but working pits):	Length (fee	et)	Width (feet) N/A: Steel Pits				
Depth from ground level to deepest point: (feet) No Pit							
material, thickness and installation procedure.		inioi integrity, ii	ncluding any special monitoring.				
Distance to nearest water well within one-mile of	of pit:	Depth to shallowest fresh water feet. Source of information:					
feet Depth of water well	feet	measured	well owner electric log KDWR				
Emergency, Settling and Burn Pits ONLY:		Drilling, Work	over and Haul-Off Pits ONLY:				
Producing Formation:		Type of material utilized in drilling/workover:					
Number of producing wells on lease:		Number of working pits to be utilized:					
Barrels of fluid produced daily:		Abandonment procedure:					
Does the slope from the tank battery allow all s flow into the pit? Yes No	pilled fluids to	Drill pits must be closed within 365 days of spud date.					
Submitted Electronically							
	KCC (OFFICE USE O	NLY Liner Steel Pit RFAC RFAS				
Date Received: Permit Num	ber:	Perm	it Date: Lease Inspection:				

KOLAR Document ID: 1655948

Kansas Corporation Commission Oil & Gas Conservation Division

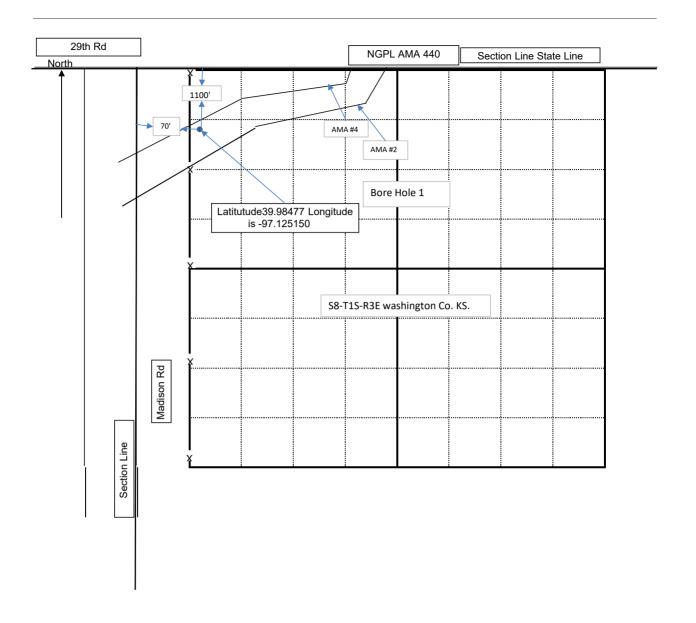
Form KSONA-1
July 2021
Form Must Be Typed
Form must be Signed
All blanks must be Filled

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application).

Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: C-1 (Intent) CB-1 (C	Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)							
OPERATOR: License #	Well Location:							
Name:	SecTwpS. R							
Address 1:	County:							
Address 2:	Lease Name: Well #:							
City: State: Zip: +	If filing a Form T-1 for multiple wells on a lease, enter the legal description of							
Contact Person:	the lease below:							
Phone: () Fax: ()								
Email Address:								
Surface Owner Information:								
Name:	When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface							
Address 1:	owner information can be found in the records of the register of deeds for the							
Address 2:	county, and in the real estate property tax records of the county treasurer.							
City:								
the KCC with a plat showing the predicted locations of lease roads, tank	dic Protection Borehole Intent), you must supply the surface owners and batteries, pipelines, and electrical lines. The locations shown on the plat the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.							
provided the following to the surface owner(s) of the land up Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing	Act (see Chapter 55 of the Kansas Statutes Annotated), I have on which the subject well is or will be located: 1) a copy of the g in connection with this form; 2) if the form being filed is a Form operator name, address, phone number, fax, and email address.							
the KCC will be required to send this information to the surface	acknowledge that, because I have not provided this information, cowner(s). To mitigate the additional cost of the KCC performing ress of the surface owner by filling out the top section of this form the KCC, which is enclosed with this form.							
If choosing the second option, submit payment of the \$30.00 handling to form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1	fee with this form. If the fee is not received with this form, the KSONA-1 will be returned.							
Submitted Electronically								



Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Laura Kelly, Governor

Dwight D. Keen, Chair Susan K. Duffy, Commissioner Andrew J. French, Commissioner

According to the drilling pit application, no earthen pits will be used at this location. Steel pits will be used. Please inform the Commission in writing as to which disposal well you utilized to dispose of the contents in the steel pits and the amount of fluid that was disposed. Please file form CDP-5, Exploration and Production Waste Transfer, within 30 days of fluid removal.

Should a haul-off pit be necessary please file form CDP-1, Application for Surface Pit, This location will have to be inspected prior to approval of the haul-off pit application.

A copy of this letter should be posted in the doghouse along with the approved Intent to Drill.